

BTG.001C5

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Andreas Richter, et al.

App. No. : 10/804,776

Filed : March 19, 2004

For : **METHOD AND APPARATUS FOR  
MULTIPLE MEDIA DIGITAL  
COMMUNICATION SYSTEM**

Examiner : Marcelo, Melvin C.

Group : 2663



27299

PATENT TRADEMARK OFFICE

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Enclosed is form PTO-1449 listing seventy (70) references, some of which (Item Nos. 110-112 and 122-143) were previously disclosed to or cited by the Patent and Trademark Office in the prosecution of U.S. patent application Serial No. 09/596,835, filed June 19, 2000, now U.S. Patent No. 6,738,357, which is the parent of this continuation application, and is relied upon for an earlier filing date under 35 U.S.C. 120, and which is a continuation of prior application Ser. No. 09/437,269, filed Nov. 10, 1999, now U.S. Patent No. 6,104,706, which is a continuation of Ser. No. 08/795,798, filed Feb. 5, 1997, now U.S. Patent No. 5,995,491, which is a continuation of Ser. No. 08/626,580, filed Apr. 2, 1996, now U.S. Patent No. 5,623,490, which

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is a continuation of Ser. No. 08/073,956, filed June 9, 1993, now abandoned. Copies of these references are not submitted pursuant to 37 C.F.R. §1.98(d). Copies of the remaining references (Item Nos. 87-109, 113-121 and 144-156) are enclosed herewith.

This Information Disclosure Statement is being filed before the mailing date of either a final action under 37 C.F.R. § 1.113, or a notice of allowance under 37 C.F.R. § 1.311, whichever occurs first, and is accompanied by the fee set forth in 37 C.F.R. § 1.17(p).

Pursuant to 37 C.F.R. § 1.97(g) and (h), Applicant makes no representation that a search has been made or that the information cited is considered to be material to patentability. Additionally, inclusion on this list is not an admission that any of the cited documents are prior art in this application. Further, Applicant makes no representation regarding the completeness of this list or that better art does not exist.

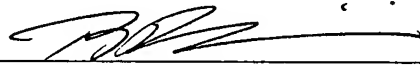
Respectfully submitted,

GAZDZINSKI & ASSOCIATES

Dated: \_\_\_\_\_

3/30/05

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FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
BTG.001C5APPLICATION NO.  
10/804,776INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT

(USE SEVERAL SHEETS IF NECESSARY)

APPLICANT  
Andreas Richter, et al.FILING DATE  
March 19, 2004GROUP  
2663

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	87	4,507,781	03/85	Alvarez, III et al.			
	88	4,627,052	12/02/86	Hoare et al.			
	89	4,756,019	07/88	Szybicki			
	90	4,760,572	07/88	Tomikawa			
	91	5,077,732	12/91	Fischer et al.			
	92	5,101,451	03/92	Ash et al.			
	93	5,136,581	08/92	Muehrcke			
	94	5,157,662	10/92	Tadamura et al.			
	95	5,200,951	04/93	Grau et al.			
	96	5,241,625	08/93	Epard et al.			
	97	5,276,679	01/94	McKay et al.			
	98	5,291,492	03/94	Andrews et al.			
	99	5,297,143	03/94	Fridrich et al.			
	100	5,311,585	05/94	Armstrong et al.			
	101	5,315,586	05/94	Charvillat			
	102	5,323,445	06/94	Nakatsuka			
	103	5,341,374	08/94	Lewen et al.			
	104	5,355,371	10/94	Auerbach et al.			
	105	5,371,534	12/94	Dagdeviren et al.			
	106	5,373,549	12/94	Bales et al.			
	107	5,375,068	12/94	Palmer et al.			
	108	5,392,344	02/95	Ash et al.			
	109	5,422,883	06/95	Hauris et al.			
	110	5,623,490	04/97	Richter et al.			
	111	5,995,491	11/99	Richter et al.			
	112	6,104,706	08/00	Richter et al.			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	113	2080530	04/94	Canada				NO
	114	0279232A2	08/88	Europe				NO

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	APPLICANT Andreas Richter, et al.	
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EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
115	"A Packet-switched Multimedia Conferencing System" by Eve M. Schooler and Stephen L. Casner, Reprinted from the ACM SIGOIS Bulletin, Vol. 1, No. 1, pp.12-22 (Jan. 1989), University of Southern California, Information Sciences Institute, (12 pages).
116	"A Distributed Architecture for Multimedia Conference Control" by Eve M. Schooler, ISI Research Report, ISI/RR-91-289 (Nov. 1991), University of Southern California, Information Sciences Institute, (20 pages).
117	"An Architecture for Multimedia Connection Management" by Eve M. Schooler and Stephen L. Casner, Reprinted from the Proceedings IEEE 4 <sup>th</sup> Comsoc International Workshop on Multimedia Communications, MM '92, pp. 271-274, Monterey, CA (Apr. 1992), University of Southern California, Information Sciences Institute, (6 pages).
118	"The Connection Control Protocol: Specification", Version 1.1, by Eve M. Schooler, USC/Information Sciences Institute, (Jan. 29, 1992), (pages 1-29).
119	"The Connection Control Protocol: Architecture Overview", Version 1.0, by Eve M. Schooler, USC/Information Sciences Institute, (Jan. 28, 1992), (pages 1-6).
120	"A Dual-Ring Lan for Integrated Voice/Video/Data Services" by Jon W. Mark and Byoung-Joon Lee, Dept. of Electrical and Computer Engineering, and Computer Communications Networks Group, Univ. of Waterloo, Waterloo, Ontario, Canada, (1990 IEEE) (pages 850-857).
121	IBM Technical Disclosure Bulletin, Vol. 32, No. 11, (Apr. 1990), Output Throttle Mechanism, (pages 274-279), supplied by the British Library, <a href="http://www.bl.uk">www.bl.uk</a> .
122	E. Brian Carne "Modern Telecommunication" pp. 44-47 1984.
123	J. J. Degan et al., "Fast Packet Technology for Future Switches", AT&T Technical Journal, vol. 68, No. 2, Mar./Apr. 1989, pp. 36-50.
124	S. Nojima et al., "High Speed Packet Switching Network for Multi-Media Information", Proceedings of IEEE 1986 Computer Networking Symposium, pp. 141-150.
125	K. Yukimatsu et al., "Multicast Communication Facilities in a High Speed Packet Switching Network", Proceedings of ICC'86, pp. 276-281.
126	E. Arthurs et al., "The Architecture of a Multicast Broadband Packet Switch", Proceedings of IEEE INFOCOM'88, pp. 1-8.
127	K. Y. Eng et al., "Multicast and Broadcast Services in a Knockout Packet Switch", Proceedings of IEEE INFOCOM'88, pp. 29-34.
128	J. S. Turner, "Design of a Broadcast Packet Switching Network", IEEE Trans. on Communications, vol. 36, No. 6, 1988, pp. 734-743.
129	W. H. Leung et al., "A Set of Operating System Mechanisms to Support Multi-Media Applications", Proceedings of 1988 International Zurich Seminar on Digital Communications, Mar. 1988, pp. B4.1-B4.6.

FORM PTO-1449      U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  <b>INFORMATION DISCLOSURE STATEMENT          BY APPLICANT</b>  (USE SEVERAL SHEETS IF NECESSARY)	ATTY. DOCKET NO. BTG.001C5	APPLICATION NO. 10/804,776
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130	Glafoor et al., "An Efficient Communication Structure for Distributed Commit Protocols", IEEE Journal on Selected Areas in Communications, vol. 7, No. 3, Apr. 1989, pp. 375-389.
131	S. E. Minzer et al., "New Direction in Signaling for Broadband ISDN", IEEE Communications Magazine, Feb. 1989, pp. 6-14.
132	L. Aguilar et al. "Architecture for a Multimedia Teleconferencing System", Proceedings ACM SIGCOMM'86 Symposium, 8/86, pp. 126-136.
133	S. R. Ahuja et al., "The Rapport Multimedia Conferencing System", Proceedings of Conference on Office Information Systems, Mar. 1988, pp. 1-8.
134	H. Forsdick, "Explorations into Real-Time Multimedia Conferencing", Proceedings of the 2nd International Symposium on Computer Message Systems, IFIP, Sep., 1985, pp. 331-347.
135	K. A. Lantz, "An Experiment in Integrated Multimedia Conferencing", Proceedings of the Conference on Computer-Supported Cooperative Work'86, Dec. 1986, pp. 533-552.
136	A. Poggio et al., "CCWS: A Computer-Based, Multimedia Information System", Computer, Oct. 1985, pp. 92-103.
137	The Rapport Multimedia Conferencing Sys--A Software Overview, Ensor et al. Mar. 10, 1988.
138	"Distributed Desktop Conferencing Sys (Mermaid) Based on Group Architecture", Maeno et al., Jun. 28, 1991.
139	"Distributed Desktop Conferencing System With Multiuser Multimedia Interface", Watabe et al. May 1991.
140	Ulrix Worksystem Software X Window System Protocol: X Version 11, Digital Equipment Corporation, Order No. AA-MA98A-TE (1988).
141	OSF/Motif Programmer's Guide, Revision 1.1, Open Software Foundation, (Englewood Cliffs, NJ: Prentice Hall) (1990, 1991).
142	Palmer and Palmer, "Desktop Meeting", LAN Magazine, 6(11):111-121 (Nov. 1991).
143	D. Comer, "Internetworking with TCP/IP, vol. I: Principles, Protocols, and Architecture", 2nd Edition, pp. 1-8, 337-346, 505 (Prentice Hall: Englewood Cliffs, New Jersey 1991).
144	C. Nicolaou, "An Architecture for Real-Time Multimedia Communication Systems", IEEE Journal on Selected Areas in Communications, Vol. 8, No. 3, April 1990, pp. 391-400.

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145	E. Schooler, "Conferencing and Collaborative Computing", Multimedia Systems, Vol. 4, 1996, pp. 210-225.
146	S. Shenker et al, "Managing Shared Ephemeral Teleconferencing State: Policy and Mechanism", Lecture notes in computer science, Vol. 882, 69, 1994.
147	E. Schooler, "Case Study: Multimedia Conference Control in a Packet-switched Teleconferencing System", Reprinted from the Journal of Internetworking: Research and Experience, Vol. 4, No. 2, June 1993, pp. 99-120.
148	E. Schooler, "Multimedia Conferencing: Has it come of age?", IEEE Journal on Selected Areas in Communications, 1991, pp. 707-716.
149	S. Casner et al., "N-Way Conferencing with Packet Video", Reprinted from the Proceedings of The Third International Workshop on Packet Video held 22-23 March 1990 in Morristown, NJ, ISI Reprint Series, ISI/RS-90-252, April 1990, pp. 1-6.
150	E. Schooler et al., "A Scalable Multicast Architecture for One-to-many Telepresentations", Multimedia Computing and Systems, Proceedings, IEEE International Conference, 1998, pp. 128-139.
151	Gemmell et al., "An Architecture for Multicast Telepresentations", Journal of Computing and Information Technology – CIT, Vol. 6, No. 3, pp. 255-272.
152	M. Chen et al., "Designing a Distributed Collaborative Environment," Communication for Global Users, including a Communications Theory Mini Conference, Orland, Dec. 6-9, 1992, Institute of Electrical and Electronics Engineers, p. 213-219.
153	W.H. Leung et al., "Multimedia Conferencing Capabilities in an Experimental Fast Packet Network, Proceedings of the International Switching Symposium, Yokohama, Oct. 25, 1992, Institute of Electronics, Information and Communication Engineers, pp. 258-262.
154	Dynamic Conference Call Participation, IBM Technical Bulletin, pp. 1135-1138, Aug. 1985.
155	R. Bubenik et al., Mutipoint Connection Management in High Speed Networks, INFOCOM, 1991, pp. 59-67.
156	C. Kim et al., "Performance of Call Splitting Algorithms for Multicast Traffic", INFOCOM, 1990, pp. 348-356.

EXAMINER	DATE CONSIDERED
<b>*EXAMINER:</b> INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	